

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/644,333
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Filing Date	08/20/2003
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First Named Inventor	Bernd DISSE
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Art Unit	1614
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Examiner Name	V. Y. Kim
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Attorney Docket Number	1/1196-1-C1
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

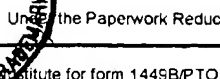
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Examiner Signature		Date Considered	6/25/04
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NON PATENT LITERATURE DOCUMENTS

[illegible]

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Substitute for form 1449/PTO

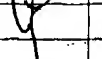

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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C mplete if Known

Application Number	To be assigned
Filing Date	August 19, 2003
First Named Inventor	Bernd Disse
Art Unit	1614
Examiner Name	V.Y. Kim
Attorney Docket Number	1/1196-1-C1

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁸
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
		WO 00/47200	08/17/2000	Novartis-Erfindung Verwaltungsgesellschaft M.B.H.		
		WO 01/12167 A2	02/22/2001	Astrazeneca UK Limited		
		WO 01/78739 A1	10/25/2001	Glaxo Group Limited		
		WO01/10427 A2	02/2001	AArakis Limited		
		WO98/00119	01/1998	Wessier et al		

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	To be assigned
		Filing Date	August 19, 2003
		First Named Inventor	Bernd Disse
		Art Unit	1614
		Examiner Name	V.Y. Kim
Sheet 2 of 2	Attorney Docket Number	1/1196-1-C1	

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
10		WITEK T. J., JR: "Anticholinergic Bronchodilators." RESPIRATORY CARE CLINICS OF NORTH AMERICA. UNITED STATES DEC 1999, Bd. 5, Nr. 4, December 1999 pages 521-536 XP008014468, ISSN: 1078-5337	
		Wegner, Craig, Novel Mechanistic Targets for the Treatment of Sub-Acute and Chronic Bronchitis, Current Pharmaceutical Design, 2001, Vol. 7, Pages 199-212, full text, especially page 201.	
		Peter Barnes, Novel Approaches and Targets for Treatment of Chronic Obstructive Pulmonary Disease, American Journal of Respiratory and Critical Care Medicine, Vol. 160(5), Nov. 1999, Pages S72-S79.	
		Leckie et al., Novel Therapy for COPD, Database CAPLUS, AN 2000:16639, abstract only, Expert Opinion on Investigational Drugs, 2000, Vol. 9(1), Pages 3-23.	
		"bronchitis", The American Heritage Dictionary of the English Language, Fourth Edition (2000)	
		Barnes, Peter, Muscarinic receptor subtypes in airways, Database GOOGLE.com "abstract alone, Euroconference, April 1998	
		Product information: Tiotropium Bromide (SPIRIVA TM), Database GOOGLE.com, Drugs of the future, 2000, Vol. 25(7):693-699	
W		Petty, T., The Rising Epidemic COPD in Women, Database GOOGLE.com, 1999, volume 2(12), pages 942-953	

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